Linux on CHIP

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What is demonstrated

- C.H.I.P. is the world's first $9 computer
- It's tiny, easy-to-use and comes pre-installed with full Debian GNU/Linux 8
- Running Kernel 4.4
- DRM driver for the Allwinner SoCs display controller
- ARM Mali OpenGL driver works on top of DRM/KMS
- DIP extension boards are automatically detected and corresponding Device Tree overlays loaded
- C.H.I.P. boots from on board NAND using U-Boot and Linux, all open source – no closed source NAND driver necessary
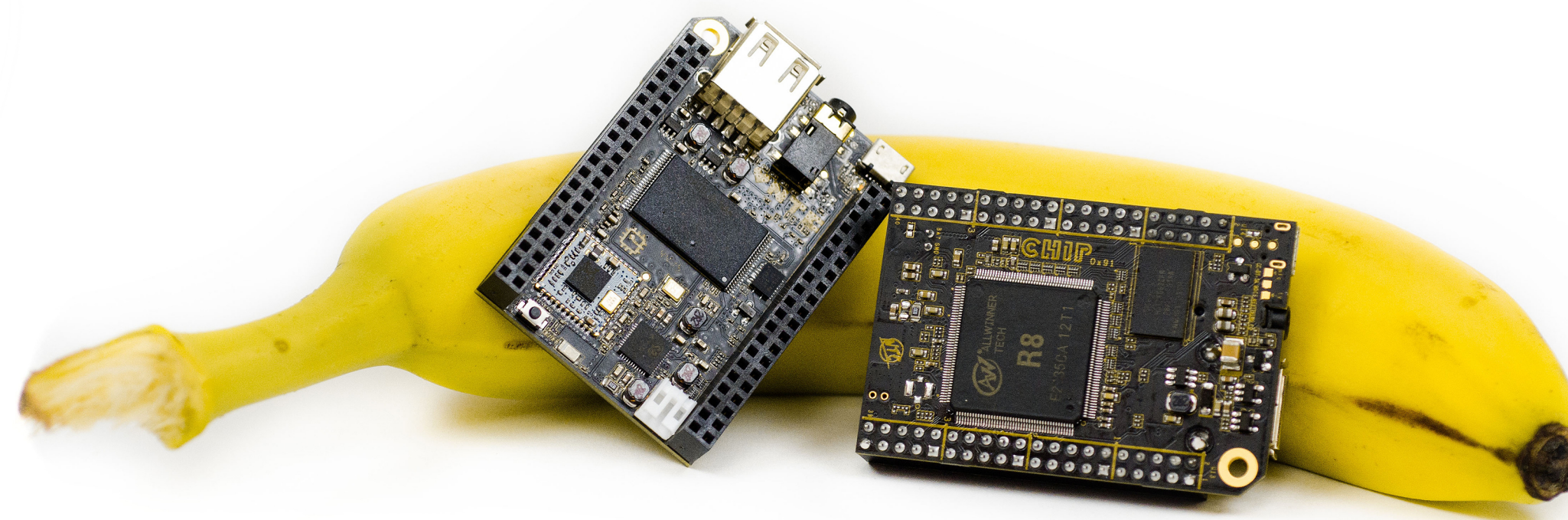
Hardware information

Allwinner R8, Cortex A8 1 GHz, 512MB RAM,
4 GB NAND, Wifi, Bluetooth, AV out

Source code & technical information

http://github.com/NextThingCo/CHIP-linux
http://blog.getchip.com